

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--|------------------|---------|------------------|
| S1 | 5611 | MICR or (Magnetic adj Ink adj Character adj Recognition) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:17 |
| S2 | 44187 | pixel\$2 with (background\$2 or interior\$2 or edge\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:26 |
| S3 | 35 | (reassign\$5 or (re adj assign\$5)) with ((edge\$2 or interior\$2) near5 (pixel\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:06 |
| S4 | 17 | S3 and S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:28 |
| S5 | 17 | S3 and S1 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:28 |
| S6 | 2 | S3 same S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:30 |
| S7 | 2 | S3 same S1 same S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:33 |

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|-----|-------|--|--|----|-----|------------------|
| S8 | 0 | (reassign\$5 or (re adj assign\$5)) with (increas\$7) with (machine\$2) with (readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:35 |
| S9 | 7 | (reassign\$5 or (re adj assign\$5)) with (increas\$7) with (machine\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:37 |
| S10 | 0 | S7 and S9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:35 |
| S11 | 2 | (reassign\$5 or (re adj assign\$5)) with S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:36 |
| S12 | 15 | (reassign\$5 or (re adj assign\$5)) same (readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:37 |
| S13 | 2 | S1 and S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:38 |
| S14 | 24888 | (358/1.18,1.15,1.14,1.13,1.11,3.31,3.27,3.15,1.9,1.6,1.5,1.2,1.1,401,462,300).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/23 15:54 |

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| S15 | 200 | (715/527).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/23 15:55 |
| S16 | 2173 | (382/137,138,139,140,181).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/23 15:55 |
| S17 | 27161 | S14 or S15 or S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:56 |
| S18 | 360 | S1 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:57 |
| S19 | 1922 | S2 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:57 |
| S20 | 15 | S3 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:57 |
| S21 | 13 | S4 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:58 |

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| S22 | 13 | S5 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:58 |
| S23 | 0 | S9 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:58 |
| S24 | 1 | S12 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 15:58 |
| S25 | 488 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:12 |
| S26 | 122 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and (bitmap\$5 or (bit adj map\$5)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:02 |
| S27 | 108 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and (bitmap\$5 or (bit adj map\$5)) and (digital\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:03 |
| S28 | 69 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and (bitmap\$5 or (bit adj map\$5)) and (digital\$2) and (edge\$2 or interior\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:04 |

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|-----|--------|---|--|----|----|------------------|
| S29 | 24 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and (bitmap\$5 or (bit adj map\$5)) and (digital\$2) and (edge\$2 or interior\$2) and (readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:05 |
| S30 | 39 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and (readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:05 |
| S31 | 132 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:06 |
| S32 | 56 | (reassign\$5 or (re adj assign\$5)) with (digital) with (value\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:07 |
| S33 | 2027 | (binary) with (multi adj bit\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:09 |
| S34 | 406678 | (binary) or (multi adj bit\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:09 |
| S35 | 247 | (edge near3 pixel\$2) with (interior near3 pixel\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:10 |

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|-----|--------|--|--|----|----|------------------|
| S36 | 1244 | (interior near3 pixel\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:11 |
| S37 | 407501 | S32 or S33 or S34 or S35 or S36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:11 |
| S38 | 615 | S37 and S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:12 |
| S39 | 71 | S37 and S1 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:12 |
| S40 | 165 | (MICR or (Magnetic adj Ink adj Character adj Recognition)) and (pixel\$2) and (background\$2 or interior\$2 or edge\$2) and S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:13 |
| S41 | 154 | S17 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |
| S42 | 32 | S17 and S26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |

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|-----|----|-------------|--|----|----|------------------|
| S43 | 26 | S17 and S27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |
| S44 | 19 | S17 and S28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |
| S45 | 14 | S17 and S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |
| S46 | 21 | S17 and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:14 |
| S47 | 31 | S17 and S31 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:15 |
| S48 | 15 | S17 and S32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:15 |
| S49 | 38 | S17 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:15 |

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|-----|-----|---|--|----|----|------------------|
| S50 | 105 | S17 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:16 |
| S51 | 32 | S17 and S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:16 |
| S52 | 62 | S17 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:16 |
| S53 | 94 | (print\$3) same ((MICR or (Magnetic adj Ink adj Character adj Recognition)) and (bitmap\$5 or (bit adj map\$5))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:20 |
| S54 | 40 | (print\$3) same ((MICR or (Magnetic adj Ink adj Character adj Recognition)) and (bitmap\$5 or (bit adj map\$5))) and S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:20 |
| S55 | 30 | (print\$3) same ((MICR or (Magnetic adj Ink adj Character adj Recognition)) and (bitmap\$5 or (bit adj map\$5))) and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:20 |
| S56 | 17 | (print\$3) same ((MICR or (Magnetic adj Ink adj Character adj Recognition)) and (bitmap\$5 or (bit adj map\$5))) and S37 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/23 16:20 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| S1 | 93 | (convert\$3 and digital\$2 and image\$2 and bitmap\$5).clm. | US-PGPUB | OR | ON | 2007/09/24 09:17 |
| S2 | 40 | (convert\$3 and digital\$2 and image\$2 and bitmap\$5 and pixel\$2).clm. | US-PGPUB | OR | ON | 2007/09/24 09:17 |
| S3 | 14 | (convert\$3 and digital\$2 and image\$2 and bitmap\$5 and pixel\$2 and reassign\$5).clm. | US-PGPUB | OR | ON | 2007/09/24 09:17 |
| S4 | 11 | (convert\$3 and digital\$2 and image\$2 and bitmap\$5 and pixel\$2 and reassign\$5 and (edge\$2 or interior\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:18 |
| S5 | 1 | (convert\$3 and digital\$2 and image\$2 and bitmap\$5 and pixel\$2 and reassign\$5 and (edge\$2 or interior\$2) and MICR\$3).clm. | US-PGPUB | OR | ON | 2007/09/24 09:19 |
| S6 | 0 | (reassign\$5 and interior\$3 and edge\$3 and exterior\$3).clm. | US-PGPUB | OR | ON | 2007/09/24 09:21 |
| S7 | 1 | (reassign\$5 and readability).clm. | US-PGPUB | OR | ON | 2007/09/24 09:22 |
| S8 | 3 | (MICR and print\$3 and bitmap\$5).clm. | US-PGPUB | OR | ON | 2007/09/24 09:23 |
| S9 | 1 | (MICR and print\$3 and bitmap\$5 and edge\$3).clm. | US-PGPUB | OR | ON | 2007/09/24 09:23 |
| S10 | 14 | (reassign\$5 and binary and multi-bit\$3).clm. | US-PGPUB | OR | ON | 2007/09/24 09:24 |
| S11 | 1 | (reassign\$5 and binary and multi-bit\$3 and MICR).clm. | US-PGPUB | OR | ON | 2007/09/24 09:25 |
| S12 | 1 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2)) and MICR).clm. | US-PGPUB | OR | ON | 2007/09/24 09:26 |
| S13 | 1105 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2))).clm. | US-PGPUB | OR | ON | 2007/09/24 09:27 |
| S14 | 1142 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))).clm. | US-PGPUB | OR | ON | 2007/09/24 09:28 |
| S15 | 105 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:28 |
| S16 | 1 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (readability)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:29 |

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|-----|----|--|----------|----|----|------------------|
| S17 | 44 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:29 |
| S18 | 1 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (bitmap\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:30 |
| S19 | 44 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:30 |
| S20 | 0 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (toner\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:30 |
| S21 | 44 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:30 |
| S22 | 1 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (bitmap\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:31 |
| S23 | 1 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (readability)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:31 |
| S24 | 35 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:32 |

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|-----|----|--|----------|----|----|------------------|
| S25 | 35 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:32 |
| S26 | 35 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:33 |
| S27 | 35 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:34 |
| S28 | 1 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (bitmap\$5 or (bit adj map\$5))).clm. | US-PGPUB | OR | ON | 2007/09/24 09:35 |
| S29 | 1 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (readability)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:35 |
| S30 | 0 | ((((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2))) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (electrophotographical\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:36 |

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|-----|----|--|----------|----|----|------------------|
| S31 | 35 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:37 |
| S32 | 0 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (exterior with edge\$2)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:40 |
| S33 | 34 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (exterior)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:40 |
| S34 | 0 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (exterior) and (bitmap\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:41 |
| S35 | 1 | (((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (bitmap\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:41 |

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|-----|-----|---|--|----|----|------------------|
| S36 | 0 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (bit adj map\$5)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:41 |
| S37 | 1 | ((reassign\$5 and binary and multi-bit\$3) or (multi-bit) or (edge and interior and pixel\$2) or (multiple and interior and pixel\$2)) and (print\$3) and (MICR\$2) and (pixel\$2) and (digital\$2) and (edge\$2) and (increas\$5) and (array\$2) and (interior\$2) and (convert\$5) and (readability)).clm. | US-PGPUB | OR | ON | 2007/09/24 09:43 |
| S38 | 401 | (Thomas near9 Foster).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:44 |
| S39 | 41 | S38 and (MICR\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:49 |
| S40 | 26 | S38 and (MICR\$3 and print\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |
| S41 | 16 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |

EAST Search History

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|-----|----|---|--|----|----|------------------|
| S42 | 15 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |
| S43 | 15 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |
| S44 | 15 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S45 | 15 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2 and edge\$2 and interior\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S46 | 15 | S38 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2 and edge\$2 and interior\$2 and pixel\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S47 | 9 | S38 and (MICR\$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:52 |
| S48 | 1 | S38 and (MICR\$3 and print\$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:52 |

EAST Search History

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| S49 | 27 | (Gregory near9 Rombola).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:49 |
| S50 | 14 | S49 and (MICR\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:49 |
| S51 | 14 | S49 and (MICR\$3 and print\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |
| S52 | 12 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:52 |
| S53 | 8 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:50 |
| S54 | 8 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S55 | 8 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |

EAST Search History

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|-----|---|---|--|----|----|------------------|
| S56 | 8 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2 and edge\$2 and interior\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S57 | 8 | S49 and (MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5)) and readability and reassign\$5 and digital\$2 and image\$2 and edge\$2 and interior\$2 and pixel\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:51 |
| S58 | 4 | S49 and (MICR\$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:52 |
| S59 | 4 | S49 and (MICR\$3 and print\$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:52 |
| S60 | 1 | S49 and ((MICR\$3 and print\$3 and (bitmap\$5 or (bit adj map\$5))))).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/24 09:53 |